

1 pay to CLECs.

2 Let me just draw you a picture to explain
3 it. I will try to keep this simple. We got the
4 CLEC switch, and then we've got Verizon's tandem,
5 and then behind Verizon's tandem are also then a
6 number of end office switches.

7 Now, if we are doing one-way trunking with
8 a CLEC, there would be trunks to the tandem
9 carrying the calls from the CLEC customers to
10 Verizon's network.

11 You would also have trunks from the tandem
12 going the other way. These would be carrying calls
13 from Verizon's customers to the CLEC's network.

14 Now, in this arrangement, the operational
15 performance or the trunk blocking that would occur
16 on this trunk group, Verizon is on the hook to pay
17 money CLECs, if we mess up, and if that gets back.

18 One way that we engineered--

19 MS. FARROBA: I'm sorry, just for the
20 record, on "this," when you said "this," you were
21 referring to the one-way trunks there Verizon to
22 the CLEC?

1 MR. ALBERT: Right. The one-way trunks
2 from Verizon to CLEC, the particular phraseology
3 that we use is that these are dedicated final
4 trunks to the CLEC. This is the trunk group where
5 blocking would occur. And correspondingly, in our
6 operational performance measures, this is the trunk
7 group we are on the hook to pay money if we have
8 repeated blocking.

9 Now, we are responsible for the
10 engineering for the sizing of these trunk groups of
11 the dedicated final trunk groups to the CLEC. We
12 are responsible to monitor it, and we're
13 responsible--we are on the hook, I guess, according
14 to the law, to provide interconnection there that's
15 equal to what we do for ourselves throughout the
16 rest of our network.

17 Now, the other types of trunks that we put
18 in, when we were talking about direct end office
19 trunks, that would be a trunk group from the end
20 office to the CLEC. I will call it a direct end
21 office.

22 And there is a third piece to complete the

1 whole picture. There was also a trunk group called
2 a common final, which runs from Verizon's end
3 office to Verizon's tandem.

4 And when there is no direct end office
5 trunk group, all of the calls from the end user in
6 the end office here, have to go through the tandem
7 and then have to go over to the CLEC that way.
8 Once we establish a direct end office group, these
9 groups don't block; by virtue of design, they're
10 called also high usage groups. They accept calls
11 to the point where they fill up. And once they're
12 full, that call then destined for the CLEC rather
13 than going on the group that's not full, it will
14 now go up to the tandem and come across the final
15 trunk group at this point, then, where potential
16 blocking would occur.

17 Why the DS1 threshold is important to us,
18 and why it's something that we use in our own
19 network is it's a significant engineering tool for
20 us to be able to relieve and not have a curve trunk
21 blocking on this main trunk group. What we do is,
22 as we monitor this dedicated final trunk group, and

1 as calls are building up, one way to deload that
2 and to reduce blocking if it were to occur, is to
3 then establish direct end office trunking.

4 MS. DAILEY: Is the direct end office
5 trunk always one way from the end office to the
6 CLEC, from the Verizon end office to the CLEC?

7 MR. ALBERT: No. You could have three
8 different options. If we are using one-way
9 trunking with CLEC, you would have--you could have
10 a direct end office going this way, and they could
11 also have a direct end office going back to us.
12 So, it's their choice on the direct end office
13 traffic coming to us. We are doing the engineering
14 on the direct end offices coming to them.

15 If you want to go to the full extent, if
16 we are doing two-way trunking with a CLEC, then you
17 would have one single trunk group, I could draw an
18 arrow on the other end of this, and that would be
19 used as an end office trunk group by both parties.

20 So, where this DS1 threshold becomes
21 important or where it's important to us besides
22 it's the design approach that we use for the

1 quality in our own network, it also allows us to
2 engineer and to manage and monitor the quality of
3 the blocking that we have on the CLEC. Without the
4 DS1 threshold, we are in a much greater potential
5 of having trunk blocking occurring.

6 So, that's one aspect of the DS1
7 threshold. The other aspect of it, the really two
8 important pieces to us, is the tandem exhaust, and
9 the fact we got tandems that poop out, that they
10 get to big, and they can't get any bigger.

11 In have Virginia in particular, we've had
12 four pooping out in 2001, 2002, and 2003. If you
13 do some rough projections looking into the future,
14 we also probably within the next, I don't know,
15 three, four, five years, we have also got Leesburg
16 and Fredericksburg and Culpeper that will be
17 getting close to pooping out.

18 What happens when the tandem poops out, it
19 just physically can't be grown anymore. We then
20 have to put in a new tandem switch. And that's
21 something that's--a new tandem switch is a
22 disruption and a disadvantage for everybody. For

1 all carriers. It's additional disruption and
2 additional work for CLECs, for IXCs, for wireless,
3 as well as for ourselves.

4 MS. FARROBA: How long does it take to put
5 in a new tandem switch?

6 MR. ALBERT: It really depends on the
7 cutover strategy we have in a particular geography.
8 They tend to vary significantly from one to the
9 next, so you tend to get quite a range of the total
10 time to put in the new tandem and then to work all
11 of the cutovers.

12 In a very straightforward case; let's say
13 we got one big LATA that's currently got one tandem
14 switch in it, let's say, and it poops out. Let's
15 say this would be like Norfolk, okay? Typically,
16 but not always, we then will come along and put
17 another tandem switch, and where previously all of
18 the end offices were trunked to that one tandem,
19 what we would do then with the relief tandem is we
20 start throwing some of these end offices to now
21 home off with the new tandem. So, those might stay
22 where they were when the new tandem came in, and

1 these, which previously had gone to the old tandem,
2 we would throw to the new tandem.

3 It's a pain in a neck. That's not only us
4 that has to throw our own internal trunk groups,
5 but then all other carriers, big and small, IXC's,
6 CLECs, wireless, everybody has to rehome and
7 rearrange their network to get to the new tandem.

8 You asked how long. I have seen this get
9 done 12 months, real lickity-split. We've had
10 others that have taken us up to three years. We
11 have one now that's going to be going into
12 Arlington. We are going to put a new tandem in for
13 the WASHMAT area. And that's going to be a big
14 mess because we got a lot of rearranging not only
15 to redo the trunk groups, but when the Arlington
16 tandem goes in, to also rearrange with the tandem
17 that handles access and the tandem that handles
18 local.

19 So the complexity can vary significantly
20 based on the area we are relieving, and that's why
21 you could get the variation of 12 months is the
22 fast and the three years for something quite

1 complicated.

2 So, there's two important aspects, there's
3 the trunk blocking that the DS1 relates and then
4 the tandem exhaust.

5 MS. KELLEY: Okay. Thank you for the
6 summary. Because that's what I was going to say.
7 It was quite something, but as I understand it, you
8 identified two things. One, the DS1 threshold, and
9 we've already talked about the 200,000 minutes and
10 we talked about the fact that in WorldCom's
11 proposal we propose direct end office trunking on
12 terms probably more acceptable to you than yours
13 are. And what's left is the tandem exhaust issue,
14 and I gather that's what you explained.

15 So, just so I'm clear, when I asked you if
16 this 241 trunk or 240-trunk limit was in response
17 to a concern about tandem exhaust, I gather from
18 that the answer is yes.

19 MR. ALBERT: Yes.

20 MS. KELLEY: I am going to have a couple
21 of questions. We're distributing what is going to
22 be marked as WorldCom Exhibit 42 and WorldCom

1 Exhibit 43. It's on its way to you. I will go
2 ahead and describe it.

3 The first is a page from the Verizon Web
4 site. It describes type 2-A interconnection
5 service.

6 The second is a page from tariff FCC
7 number one, and that's Verizon tariff FCC number
8 one.

9 (WorldCom Exhibit Nos. 42
10 and 43 were marked for
11 identification.)

12 MS. KELLEY: Do you have those in front of
13 you now?

14 MR. ALBERT: We are flipping the coin on
15 who is going to answer this on between the two of
16 us.

17 MS. KELLEY: I will be happy to accept
18 whatever wins or loses the coin float depending on
19 how you see it.

20 I'd like to talk first about wireless
21 carriers and refer you to this type 2-A
22 interconnection service page.

1 Now, this is again from the Verizon Web
2 site; it's from the wireless providers section, a
3 product and service section, type 2-A
4 interconnection service.

5 I would like to direct your attention to
6 the second paragraph. And that's the paragraph
7 that reads: "The type 2-A tandem connection is
8 similar to the interconnection that exists between
9 local exchange companies, independent telephone
10 companies, competitive local exchange carriers and
11 interexchange carriers."

12 Do you see that?

13 MR. ALBERT: Yes.

14 MS. KELLEY: Then I would like to direct
15 that you to the portion of this that goes on to
16 talk about benefits of establishing access at
17 tandems, and I'm reading, I guess, from the fifth
18 paragraph. Is it says: "For only one type 2-A
19 interconnection, access tandems can offer
20 connections to all end offices in a LATA. Tandem
21 connections reduce the number of direct connections
22 required to gain access to all end users in an

1 area. This, in turn, reduces costs and operating
2 expenses for the wireless provider." So, we are
3 talking about here the advantages to a wireless
4 carrier to connect at a tandem; is that right?

5 MR. D'AMICO: I just have one comment
6 before maybe Don says something. It says all end
7 office subtending a tandem in I think what you just
8 read--I just wanted to point that out.

9 MS. KELLEY: Okay.

10 MR. ALBERT: Was your question, is this
11 talking about wireless carriers? Yes, it is.

12 MS. KELLEY: So, my question to you is,
13 and please review any portion of this. I'm not
14 purporting to read all of it in, but there is no
15 analogous limit, is there, to what we have been
16 talking about?

17 MR. ALBERT: Not on this page. When we
18 negotiate our Interconnection Agreements with the
19 wireless carrier, we tried to negotiate the exact
20 same terms from the DS1 threshold and also the 240.

21 MS. KELLEY: But in terms of the product
22 offering, that's not part of the offering that you

1 have here; isn't that right?

2 MR. ALBERT: It's not part of this
3 description, but we have Interconnection Agreements
4 with wireless carriers. That's how they buy stuff
5 from us, and those are what spell out the terms and
6 the conditions.

7 MS. KELLEY: So, is it your testimony
8 today that every interconnection agreement you have
9 with the wireless carrier contains an analogous 240
10 trunk restriction to the one we have been
11 discussing?

12 MR. ALBERT: No.

13 MS. KELLEY: I would like to you look at
14 what's been marked as WorldCom Exhibit 43, please.
15 And again, this is a portion of Verizon's FCC
16 tariff number one, and I'm going to do my best to
17 get this right. It's Section 6.1.2.A.6.J. And
18 this talks about interface group 10.

19 I'm right, aren't I, that pursuant to this
20 product, interexchange carriers can buy the
21 equivalent of 4,032 trunks in that increment?

22 MR. ALBERT: I'm really not familiar with

1 this tariff.

2 MS. KELLEY: Take a moment to read it.
3 Take as long as you'd like.

4 MR. ALBERT: I mean, I see it's from our
5 switched access services, but I'm really not
6 familiar with what this is.

7 MS. KELLEY: Well, based on what it says,
8 am I right that it provides increments of 4,032?

9 MR. ALBERT: That's the number of voice
10 grade circuits that's talked about, but I guess I
11 can't quite figure out just from this snippet if
12 this is--really we are talking about the transport
13 or if this is the interfaces on the switches
14 themselves.

15 MS. KELLEY: We have the entire--that big
16 portion of the tariff. I would be happy to provide
17 it to you if you want to look at it in context. If
18 at a break you want to look at it and come back to
19 me, that would be fine with me as well. Would that
20 help you answer the question?

21 MR. ALBERT: It's might.

22 MS. KELLEY: It's up to the Commission if

1 they'd like him to do it at a break. I don't want
2 to slow things down.

3 MR. ALBERT: I just not familiar with this
4 particular service offering.

5 MR. EDWARDS: Well, what we could do is if
6 you want to provide it at the break, we could look
7 at it and see whether it helps. He may not be the
8 person to answer the question.

9 MR. DYGERT: Why don't we will see what
10 can be accomplished during a break and take it from
11 there.

12 MR. ALBERT: What's throwing me is all of
13 the switch interfaces are DS1s, and this is talking
14 about DS3s, and that's what makes me think more
15 this is transport oriented, but if you got the
16 whole shebang we could look at, maybe I could
17 figure out what it is.

18 MS. KELLEY: I do, we'll provide that and
19 we will finish up that part at that point, if
20 that's okay.

21 I would like to turn to issue III-3, and
22 I'm just going to quickly pass around what we

1 marked as WorldCom Exhibit 44.

2 (WorldCom Exhibit No. 44 was
3 marked for identification.)

4 MR. DYGERT: Just so I'm clear, I don't
5 think you have moved the admission of any of your
6 exhibits yet. Is that correct?

7 MS. KELLEY: No, I was going to do it in
8 one fell swoop to try to move it along. If you
9 prefer that we do it one at a time, that's okay.

10 MR. DYGERT: It doesn't matter.

11 MS. KELLEY: I will go ahead and pass out
12 the next three. They will be Exhibits 44, 45, and
13 46. Each of them are Verizon Virginia responses to
14 WorldCom's data requests.

15 (WorldCom Exhibit Nos. 45
16 and 46 were marked for
17 identification.)

18 MS. KELLEY: Just so the record is clear,
19 WorldCom Exhibit 44 is the data request that on the
20 second page is numbered Verizon Virginia Number
21 143. WorldCom Exhibit 45 is labeled Verizon
22 Virginia 146, and WorldCom Exhibit Number 46 is

1 numbered Verizon Virginia Number 149.

2 Now, WorldCom Exhibit 44, again, it's a
3 discovery question and reply. The question is, is
4 the fiber meet point form of interconnection
5 technically feasible.

6 And the reply in relevant part is,
7 mid-span fiber meet and end-point fiber meet which
8 is provided for in the Verizon model
9 Interconnection Agreement are technically feasible
10 in many cases.

11 In WorldCom 45, which is Verizon Virginia
12 number 146, we asked to describe what Verizon means
13 by an end-point fiber meet, which is referenced in
14 your last response. And the answer here is an
15 end-point fiber meet is similar to an entrance
16 facility; however, instead of Verizon placing the
17 terminating electronics at both ends of the
18 facility in addition to the fiber in between, it
19 places only the terminating electronics in its
20 serving wire center. The CLEC places the
21 terminating electronics at its end of the facility,
22 and the fiber that Verizon has delivered to the

1 CLEC office.

2 It also references a diagram, but we don't
3 have the diagram attached, and we weren't able to
4 get it for today.

5 So, now my question to you is, there was
6 testimony earlier, and I don't know if you heard it
7 or not, but where we discussed this end-point fiber
8 meet, I believe. We talked about Verizon laying
9 fiber from its facility to the CLEC's facility.
10 The CLEC putting its equipment on one end and
11 Verizon being responsible for putting equipment on
12 the Verizon end.

13 Do you recall that testimony?

14 MR. ALBERT: I remember you talking about
15 mid-span meets earlier.

16 MS. KELLEY: And am I right that this is
17 the same architecture that we were talking about
18 this morn something.

19 MR. ALBERT: No.

20 MS. KELLEY: This is a different thing?

21 MR. ALBERT: Um-hmm.

22 MS. KELLEY: Let me understand what this

1 is.

2 MR. ALBERT: Let me draw for you.

3 MS. KELLEY: Let me just ask real quick
4 before we're going to go off this really simple
5 question. An end-point fiber meet involves Verizon
6 putting fiber in the ground, Verizon putting
7 equipment on its end, and CLEC putting equipment on
8 its end; is that right?

9 MR. ALBERT: The ones of these that we
10 have done basically have already had fiber going
11 into the CLEC's location. It turns out they have
12 been CLECs that were in our exchange carriers, so
13 we already had facilities built there. What those
14 particular carriers wanted to do and what we worked
15 out with them was an interconnection arrangement,
16 the name of which happens to be end-point fiber
17 meet is they wanted to use Verizon's in-place
18 fiber, but to stick their sonic multiplexer on
19 their end, and we would operate our sonic
20 multiplexer on our end, so you have an
21 interconnection arrangement where each party owns
22 the electronics on the ends, but Verizon basically

1 owns all the fiber in between, and we have done
2 these in the case of where we already had fiber
3 built into the particular locations that the CLEC
4 was operating.

5 MS. KELLEY: Am I right that the only
6 difference between what I described and what you
7 described is you already had the fiber in the
8 ground, you didn't have to put it in the ground, it
9 was already there, going to the CLEC's facility?

10 MR. ALBERT: Right, and it was Verizon
11 fiber.

12 MS. KELLEY: It was Verizon fiber. Okay.

13 MR. KEHOE: Could I ask a question about
14 the end-point fiber meet. In WorldCom Exhibit 45,
15 it talks about Verizon delivering the fiber to the
16 CLEC office to a fiber distribution frame.

17 Would that, in your understanding, be a
18 fiber distribution frame that the CLEC would own?
19 Or would it be a Verizon fiber distribution frame?

20 MR. ALBERT: I'm sorry?

21 MR. KEHOE: It's WorldCom Exhibit 45, if I
22 numbered them correctly.

1 MR. ALBERT: Yeah, but does that say
2 WorldCom I-9?

3 MR. GOYAL: I-6.

4 MR. ALBERT: Really, you could do it
5 either way. The ones I'm familiar with, the CLEC
6 is owned the fiber distribution frame on their
7 premise. Basically what we have done, though, is
8 we've used that as the demarcation point. We've
9 used that as the test point between our fiber and
10 CLEC's electronics.

11 MR. KEHOE: Thank you.

12 MR. ALBERT: Would we be willing in
13 negotiations to put in the fiber distribution frame
14 ourselves, yes, we would. The couple I'm familiar
15 with, the CLECs put it in.

16 It's important to have one. You could
17 always kind of work it out who owns it.

18 MR. KEHOE: Thank you.

19 MS. KELLEY: We have one last exhibit, but
20 while that's going around, I just want to confirm
21 that the last ones, because we are going to move
22 this all in at the end, WorldCom Exhibit 46, I'm

1 not going to read the whole thing in unless some
2 party wants me to, but this is the question and the
3 answer in which Verizon explains any compensation
4 that would be due for use of this end-point fiber
5 meet. And I guess if you would just read it and
6 confirm that that's accurate for me, I would
7 appreciate it.

8 MR. ALBERT: They don't trust me to do
9 much with the money stuff. So the rates and the
10 costs and the tariffs are Pete's.

11 MR. D'AMICO: Again, the few that we've
12 done, there is a separate Memorandum of
13 Understanding that covers the pricing of this, and
14 this is an example of what would happen.

15 Again, this is an end point versus a
16 midpoint fiber.

17 (WorldCom Exhibit No. 47 was
18 marked for identification.)

19 MS. KELLEY: Okay. We distributed what
20 had been work marked WorldCom 47. It's a depiction
21 of fiber meet architecture.

22 Again, we discussed this a little. There

1 was discussion this morning about this, and in
2 which WorldCom explained its preferred architecture
3 involved technology a ring technology where Verizon
4 lays fiber from its facility to WorldCom's,
5 WorldCom lays fiber from its facility back to
6 Verizon's, each party puts their equipment on
7 either end, and this is just designed to depict
8 that in very simple form.

9 Now, I'm right, aren't I, that this is a
10 technically feasible form of interconnection, the
11 one that's depicted?

12 MR. ALBERT: It depends how you do it.
13 Some ways you could do it where it would be and
14 some ways where it wouldn't be.

15 MS. KELLEY: Let me ask you, we just
16 talked about this end-point fiber meet that you
17 have actually in your contract that you proposed.

18 As I understand this, this is essentially
19 identical. The only difference is there is an
20 extra fiber so that instead of just one piece of
21 fiber, there's a ring.

22 MR. ALBERT: I wouldn't describe them as

1 essentially identical because there are some fairly
2 major differences and then depending on the further
3 particulars and details associated with how you
4 implement it, there could be some additional big
5 differences.

6 So, if you do a full collapsed ring on a
7 single fiber cable sheath, there are differences
8 with that as opposed to if you have two different
9 fiber cable sheaths.

10 When you get into the operation of
11 fiber-optic terminals and how you do a meet where
12 one party owns one end and the other party owns the
13 other end, there are a number of details associated
14 with how you handle the maintenance, how you handle
15 the operations, and how you handle the testing,
16 that depending on how those are resolved or not
17 resolved to me determines if it's technically
18 feasible or not.

19 The data communications channel which is
20 part of the overall sonic overhead, which is kind
21 of the key to the city to getting into the muxes as
22 well as a lot of the downstream electronics as well

1 as a lot of the downstream operations system, if
2 you were wont to do a fiber meet and to have that
3 turns on and operational, I would say from a
4 perspective network security network reliability
5 that that was not technically feasible.

6 So, when you start to get into some of the
7 very detailed but needed to be addressed unique
8 particulars, you could have flavors of them that
9 would not be technically feasible, and then you
10 could have flavors, a lot of which we've done and
11 worked out that are technically feasible. It
12 really matters how all those details are handled.

13 MS. KELLEY: Are you aware that other
14 incumbent LECs including AmeriTech, Pacific Bell,
15 Southwestern Bell have established this type of
16 connection with WorldCom?

17 MR. ALBERT: No.

18 MS. KELLEY: Are you aware that WorldCom
19 has been trying to establish this architecture with
20 Verizon for a number of years, but hasn't been able
21 to even though it has been able to with Ameritech,
22 Pacific Bell and SWBT?

1 MR. ALBERT: When you say haven't been
2 able to, you mean put it into an interconnection
3 agreement? I mean, I--the people worked for me
4 that would be involved with actually working out
5 one of these in real life. I've got the managers
6 and in Verizon East who do the point of
7 interconnection planning. Basically what those
8 engineering managers do is they work with the CLECs
9 and they pick the methods and locations and all the
10 technical details associated with performing the
11 interconnection, and then we implement it.

12 And I can't recall one real live location
13 that WorldCom has come to us to ask to do this.

14 Now, if you did, would we look at it and
15 see--work on something and maybe try and figure it
16 out? Yes, we would. So far we topped off the
17 co-los for the most part for the interconnections
18 that we've done with WorldCom, and in a few cases
19 we got existing entrance facilities and we've used
20 those. Those have been the two primary methods
21 that currently exist and that we've used, and we
22 really don't have any type of a fiber-optic meet

1 arrangement in place with WorldCom, nor am I aware
2 of the guys asking to us do it in Virginia.

3 MS. KELLEY: You've testified that if we
4 came to you and asked for this, you would sit down
5 and try to work it out. That suggests to me that
6 you think at least it could be technically
7 feasible.

8 In fact, I think you said that in many
9 different configurations it would be. Maybe there
10 would be some that wouldn't, but there would be a
11 number that would.

12 MR. ALBERT: Depending on how the parties
13 would define the details relating to the means that
14 the fiber-optic terminals talk to each other, their
15 tie-ins to the operations systems, the overall data
16 communications channel, which governs being able to
17 get from one system into another system. If you
18 address appropriately and correctly all those
19 items, then there are ways that are technically
20 feasible that you could do, but you could also muck
21 that stuff up where they want to be smart and there
22 would be a lot of dangers and we won't agree to do

1 that.

2 MS. KELLEY: I don't want to spend too
3 much time on this, but I would like you to look at
4 our proposed contract language on this point. I
5 will try to find the page in the JDPL to make this
6 a little easier for you. The particular example I
7 just want to use is found on page 78 of the JDPL.
8 It's our proposed contract 1.1.5.2.1. Did you find
9 that?

10 MR. ALBERT: Yep.

11 MS. KELLEY: So, I think you mentioned
12 when you were talking about concerns with the data
13 communication channel, whether it would be on or
14 off, and this indicates that--I'm not going to read
15 the whole thing, but that it would be off.

16 MR. ALBERT: Actually the way I read this
17 when I was looking at it is, you were saying it
18 would be off unless you guys decided it would be
19 on. And I guess that's the big hangup I had with a
20 number of the T's of C's on mid-span meets is it
21 was like, yeah, the parties would decide unless MCI
22 wanted to do something different, and then it was

1 MCI dictating to us that particular level of
2 detail.

3 The mid-span meets that we have done and
4 done successfully we have always been able to work
5 the details out with people and do them, but you
6 got to have mutual agreement, and what scared the
7 crap out of me is I had contract where you've got
8 the unilateral ability to kind of dictate all the
9 things that we ought to be mutually figuring out
10 how to do, many of which would either cost us a
11 bundle of money or in some cases be technically not
12 feasible.

13 MS. KELLEY: Have you reviewed MCI's
14 proposed contract language?

15 MR. ALBERT: Yeah, I've read all this.
16 That's why I got my notes going "whoa."

17 MS. KELLEY: And so it's your view that
18 this could be worked out and put down in writing.

19 MR. ALBERT: I think, as we have done with
20 others, the details associated with the specific
21 mid-span fiber meet can be worked out. All right?
22 Doing it with these broad platitudes and these

1 gross generalities and putting them in a contract
2 that I'm on the hook for, that to me doesn't make a
3 whole lot of sense, but we have done mid-span meets
4 with other carriers, and we have found ways to
5 address the engineering and the operational in the
6 capacity management issues with other carriers, but
7 leaving totally open-ended for MCI to decide,
8 that's where I had a big monkey wrench.

9 MS. KELLEY: But you had these agreements
10 with other carriers?

11 MR. ALBERT: We have one with Cox. Each
12 mid-span meets will have a memorandum of
13 understanding that will go through and basically
14 work out those particulars associated with that
15 unique mid-span meet at that location.

16 MS. KELLEY: But those basic technical
17 specs, whatever details they are that you've worked
18 out those could go in an Interconnection Agreement,
19 couldn't they? To the extent that you have certain
20 concerns about specific details that you've
21 testified about today, those could be resolved and
22 included in an Interconnection Agreement so that if

1 MCI wanted to deploy this kind of architecture with
2 you, we would have an agreement in place that we
3 could do that. That could be done, couldn't it?

4 MR. ALBERT: No. The one big variable I
5 run into from the ones that we've worked on,
6 surprise, surprise, but always the contentious
7 point is the aspect of who is going to pay how
8 much. And depending on the particulars of the
9 terms and conditions and depending on how those
10 overlay on a very specific situation, specific pair
11 of central offices, that there are a number of
12 things that really are unique to that mid-span meet
13 at that place and that technical configuration, a
14 number of which drive costs and a number of which
15 you really can't agree to until you worked
16 particulars out for that mid-span meet in a
17 Memorandum of Understanding.

18 MS. KELLEY: Just one simple question for
19 you. In terms of this architecture, this diagram
20 we passed out, it's our Exhibit 47, and I'm going
21 to tell you what my understanding is, and I just
22 want to make sure it's yours.

1 My understanding is that with this
2 proposal of WorldCom's, we proposed to install the
3 fiber in the ground from our wire center to yours
4 and bear those costs, that you would bear the costs
5 of installing the fiber, and sometimes you already
6 have it from yours to ours, that we would be
7 responsible for the electronics at our end, you
8 would be responsible for the equipment at your end,
9 that each party would maintain the piece of the
10 CLLE that they put in place.

11 I just want to make sure, is that your
12 understanding of our proposal as well?

13 MR. ALBERT: To that very high level view
14 to the extent that it goes, yes.

15 MS. KELLEY: I don't have anything else.

16 MS. FARROBA: Could I ask a couple of
17 clarifying questions.

18 On the mid-span meets, does Verizon have
19 concerns about those being established in manholes?

20 MR. ALBERT: Yes.

21 MS. FARROBA: Okay. Could you elaborate
22 on what those concerns are.

1 MR. ALBERT: They're very deep, dark,
2 dank, disgusting places to have to go to to hook up
3 fiber optics.

4 What we do when we do a mid-span meet is
5 we will have a fiber distribution panel that the
6 CLEC's fibers run into, and that Verizon's fibers
7 run into. This is getting where the fibers are
8 going to actually touch each other.

9 In that fiber distribution panel is
10 basically place a place where you could make
11 connections and make disconnections, make
12 connections and make disconnections with the right
13 hardware to accommodate making those connections.
14 Then it also has a point where you could test the
15 fiber circuits where the fiber on one side that
16 belongs to Verizon and the fiber on the other side
17 that belongs to the CLEC, you could test that.

18 That particular little piece of hardware,
19 in the vernacular we call that a light guide
20 cross-connect six-pack because it's six fibers that
21 come in and it almost looks like these little
22 plug-ins on the coax that run into your television

1 set. That particular hardware currently doesn't
2 come in an enclosure that's waterproof. So,
3 consequently, our manholes, a lot of them,
4 frequently get wet, frequently fill up with water,
5 and a lot of time you go by and you'll see our
6 trucks out there and they're just pumping water out
7 of the manholes, so building that type of a
8 hardware interconnection in a manhole is not a real
9 swift move. The stuff goes bad and it doesn't work
10 real well.

11 What we do and we have done a couple like
12 this is a particular location where we are going to
13 connect our fibers to the CLEC's fibers, if that
14 happens to be in a location where the plant is
15 underground, we have found a couple where we also
16 had aerial plant, the pole lines, and what we did
17 was the CLEC and ourselves both brought our
18 facilities up onto a poll, and there is hardware
19 available to do the interconnection that we mounted
20 on the pole, and we made it that way.

21 So, the problem with the manhole is you
22 don't have something that's waterproof to do what